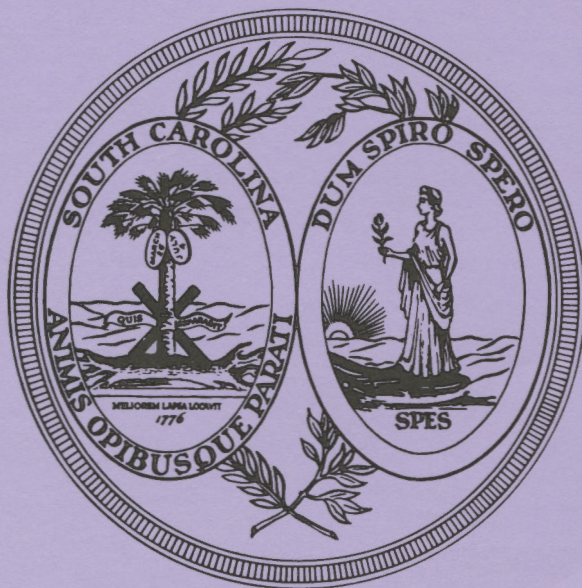


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SOUTH CAROLINA AERONAUTICS COMMISSION



ANNUAL REPORT 1991-1992

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State Budget And Control Board

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STATE DOCUMENTS

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The South Carolina Aeronautics Commission was established by the Legislature in 1961 to coordinate and develop the state's aeronautics program. The Commission's primary responsibility is to develop and implement a comprehensive aeronautics program for the state. The Commission's activities are divided into four main areas: research and development, education and training, public information, and aviation safety.

The Commission's research and development activities are focused on the development of new aircraft and aerospace technologies. The Commission's education and training activities are focused on the development of a skilled workforce for the aerospace industry. The Commission's public information activities are focused on the promotion of the state's aeronautics program. The Commission's aviation safety activities are focused on the development of a safe and secure aviation system.

LETTER OF TRANSMITTAL

To His Excellency, The Governor of South Carolina:

It is my honor to present to you the report of the South Carolina Aeronautics Commission on its functions and activities for the year ending June 30, 1992.

Respectfully submitted,

Jimmie L. Hamilton, Chairman

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SOUTH CAROLINA AERONAUTICS COMMISSION

The South Carolina Aeronautics Commission was created by the legislature in 1935 to foster air commerce in the state, to supervise aeronautical activities and facilities, to make and enforce rules and regulations regarding the licensing of airplanes and pilots and to cooperate in the establishment and operation of airports. The law creating the commission can be found at Sec.55-5-30, 1976 S.C. Code.

The commission consists of seven members appointed by the governor with the advice and consent of the Senate. One commissioner is appointed from each Congressional district and one at-large. The at-large member is appointed to a six-year term while the members from districts serve four-year terms.

First District:	Edwin S. Pearlstine, Jr. P.O. Box 10247 Charleston, S.C. 29411
Second District:	Jimmie L. Hamilton, Chairman P.O. Box 5775 Columbia, S.C. 29250
Third District:	W. Richard McClellion 120 West Whitner Anderson, S.C. 29801
Fourth District:	Ralph Schmidt P.O. Box 25012 Greenville, S.C. 29616
Fifth District:	Dr. James "Crack" Anderson, Vice Chairman Route 2 Box 25 Chester, S.C. 29706
Sixth District:	Edsel "Coupe" DeVile 522 Acadian Way Surfside Beach, S.C. 29575
At Large:	Curtis Graves Route 2, Box 187 Denmark, S.C. 29042
Ex-Officio:	Sen. Isadore E. Lourie* Columbia Rep. Olin R., Phillips* Gaffney

**During the 1991-92 Legislative Session the State Ethics Bill was enacted which prohibits senators and representatives from serving as Ex-Officio members.

COMMISSION STAFF

The Commission staff implements policy decisions of the commission and concerns itself with the day-to-day functions of the commission: aircraft operations, airport planning and maintenance, administrative duties, and public information.

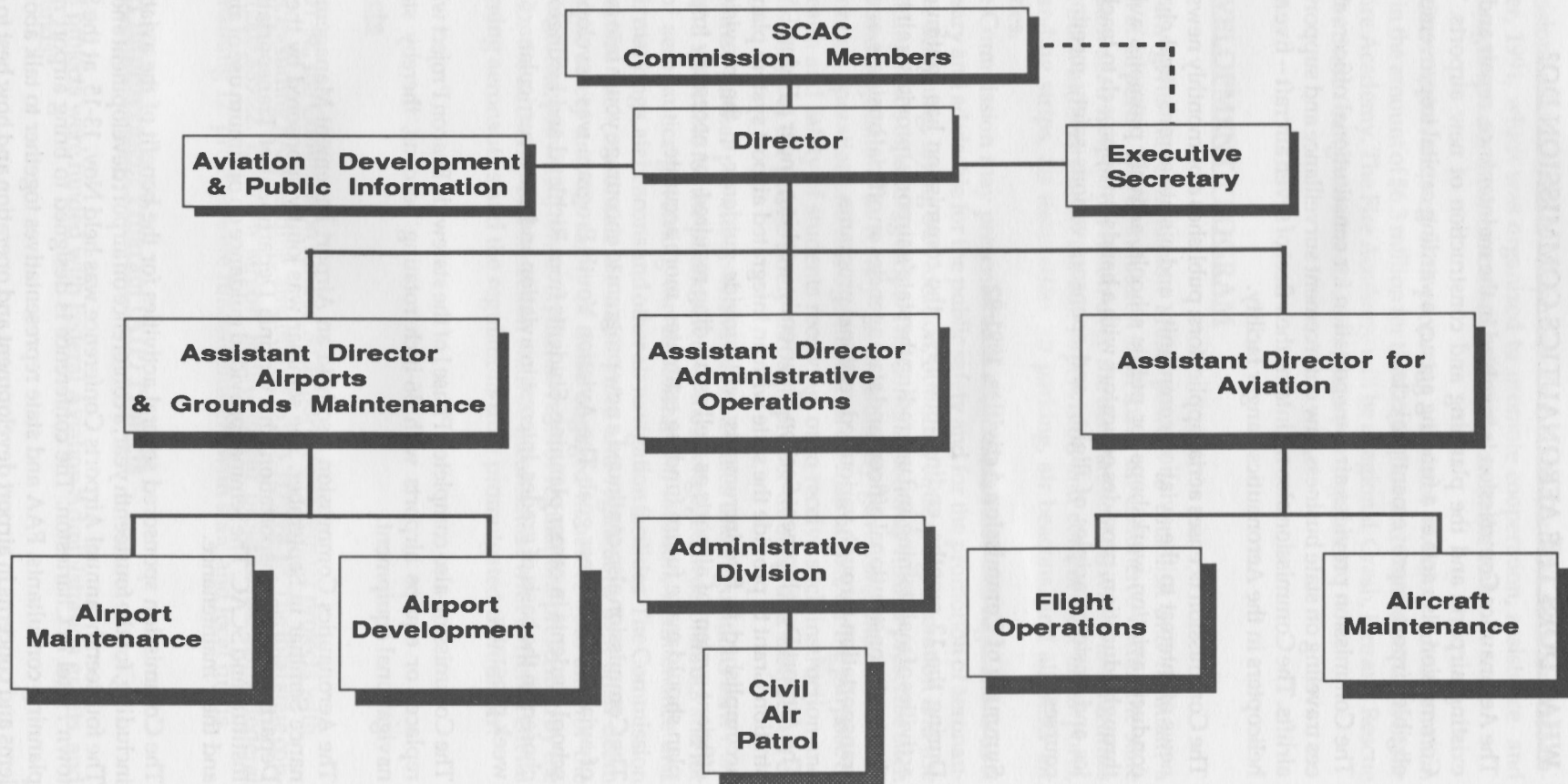
The commission offices are located at 2601 Airport Boulevard at the Columbia Metropolitan Airport, West Columbia, S.C. 29171. The commission mailing address is PO Box 280068, Columbia, SC 29228-0068.

With 41 full-time employees, the commission is one of the smallest state agencies. Due to the vast scope of the commission's purpose, personnel include pilots, airport engineers, department heads, aircraft maintenance staff, secretaries, clerical staff, accounting staff and maintenance employees for the agency.

Executive Director.....	John P. Park
Executive Secretary.....	Carolyn Player
Public Information Director.....	Helen Munnerlyn
Aviation Development Coordinator.....	Jones Herring
Assistant Director Administrative Operations.....	Bill Plunkett
Accounting Manager.....	Sherry Noffko-Martin
Accounting staff.....	Gayle Mansell
	Ruby Davis
Procurement	Joy Brock
	Sherry Berry
Supply Specialist	Joyce McCier
Personnel Specialist	Jan Shealy
Computer Program Analyst.....	David Johnson
Assistant Director Airports & Grounds Maintenance	William A. Walls
Airport Engineer.....	Peter Fisher
Airport Planners.....	John Floyd
	Paul Werts
Assistant Director For Aviation.....	Walter Johnson
Chief Pilot	Mike Hugg
Pilots.....	Carl Amick, Jr., Barry Avent,
	J. Rex Dula, Bill Durand,
	Joseph Saleeby, Charles Smoak,
	Ralph L. Woods, Jr., John Young
Flight Dispatcher.....	Larry Kennerly
Aircraft Maintenance.....	Neil Baker, Tony Burgess,
	Paul Gravesandy
Aircraft Ground Support Supervisor.....	Gerald Osborne
Aircraft Ground Support Technician.....	Andy Stafford
Airport Maintenance Supervisor.....	Dan Reeves
Airport Maintenance.....	Bill Adams, Stanley Baker,
	Randy Brazell, Bobby Lunn, Calvin Walker, Jim Nash
Secretarial and Clerical.....	Debbie Wilson

S.C. Aeronautics Commission

Organizational Chart



WHAT DOES THE AERONAUTICS COMMISSION DO?

The Aeronautics Commission is involved in the maintenance, repair and improvement of existing airports and the planning and construction of new airports. The Aeronautics Commission also acts as a funding agency awarding capital improvement bond funds to eligible airport improvement projects.

The Commission provides air transportation for constitutional officers and state employees traveling on state business, law enforcement surveillance and support, and emergency airlifts. The Commission also maintains their fleet of seven aircraft -- five airplanes and two helicopters in the Aeronautics hangar facility.

The Commission licenses aerial applicators; publishes a bi-monthly newsletter containing news of interest to the aviation community and a state aeronautical chart. Each year, it conducts aviation workshops for public schools, actively promotes aviation awareness through education, provides educators with a hands-on approach to teaching aerodynamics and basic principles of flight, and sponsors various safety meetings and refresher courses.

Summary of Commission Activities, 1991-92

During the 12 months, ending June 1992, the commission has continued its traditional activities of maintaining and upgrading the state's airports, providing air transportation for the state's constitutional officers and state agencies on official business, and encouraging air transportation through various educational programs.

The Airport Development Section is currently working under a Federal Aviation Administration Grant to provide the state with an integrated airport system plan. This plan, to be accomplished in five increments, will provide guidance in the provision of a safe and efficient system of airports as well as funding required for necessary improvements. This plan should make future funding estimates more accurate.

The Commission also continued a new program to encourage youth into exploring the field of aviation as a career goal. The Aviation Youth Program was developed to assist high school students in career planning. Students from Richland and Lexington Counties were chosen on the basis of grades, interest in aviation and extra-curricular activities for the six-week program.

The Commission also completed Phase I of the statewide Beacon Project which refurbishes, replaces or equips airports with 36-inch rotating beacons, thereby standardizing the navigational equipment.

The Aeronautics Commission also held an Airport Pavement Management and Maintenance Seminar in September. The seminar was jointly sponsored by the North Carolina Department of Transportation, the Virginia Department of Transportation, the Asphalt Institute and SCAC. The seminar provided guidance on optimum use of airport pavements and their maintenance.

The Commission sponsored several activities for the benefit of the aviation community, including, for the fourteenth year, a conference on airport development and improvements. The fourteenth annual Airports Conference was held Nov. 13-15 at the Sheraton Downtown Hotel in Charleston. The conference is designed to bring airport managers, FBO's planning consultants, FAA and state representatives together to talk about mutual problems and concerns in airport development and operation and how best to overcome them.

Also, the Commission assisted in the development of the South Carolina Aviation Association in November, 1991, which was organized to promote cooperation, assistance and information exchanges among those concerned with aviation in the state.

In addition, the Commission assisted with procuring a Federal Aviation Administration multi-year grant in the amount of \$6.3 million for the Crash, Fire and Rescue portions of the South Carolina Fire Academy. The Fire Academy will be a regional Crash, Fire and Rescue training facility for those firefighters involved in airport emergencies.

AIRPORT DEVELOPMENT PROGRAM

South Carolina law gives the commission broad powers to establish and maintain a statewide system of airports. The Commission shall foster air commerce within the state and the commission shall have supervision over the aeronautical activities and facilities within the state. Such authority shall include supervision and control over all airports, landing fields, landing strips, air instruction, air parking, air beacons, and all other air navigation facilities.

Accordingly, the Commission may prescribe such reasonable rules and regulations as it may deem necessary and advisable for the public safety and for the promotion of aeronautics governing the designing, laying out, location, building, equipping, operation and use of all airports, landing fields or landing strips. The Commission may further prescribe such reasonable rules and regulations as it may deem necessary governing the curriculum, equipment, personnel, operation and management of all air instruction, for the purpose of protecting the health and safety of students receiving, or to receive such instruction and insuring, so far as may be, the public safety through proper training and instruction of student aviators.

The Commission may further prescribe such reasonable rules and regulations as it may deem necessary and advisable for the public safety of those engaged in aeronautics and for the promotion of aeronautics governing the establishment, location, maintenance and operation of all air markings, air beacons and other air navigation facilities. The Commission may further prescribe such reasonable air traffic rules and regulations as it shall deem necessary for public safety and the safety of those engaged in aeronautics and for the promotion of aeronautics; provided, however, that no rules or regulations prescribed by the Commission under the authority of this section shall be inconsistent with current Federal legislation governing aeronautics and the regulations duly promulgated thereunder.

1991-92 Projects

During fiscal 1991-92, the Commission funded 30 airport improvement projects with total project costs, including FAA funding, amounting to \$13,317,178.17. The total state contribution was \$1,505,889.22. Eighteen airport improvement projects had some federal funding. The remaining 12 projects were funded entirely with state and local funds.

Federal Airport improvement Program (AIP) Projects

The following 18 projects were funded with Federal Aviation Administration grants, and local and state funds:

Anderson County Airport: A \$447,398 project to acquire avigation easements to runway 5 approach and obstruction (tree) removal; includes administration services, legal and engineering services associated with the fee simple acquisition. The federal share was \$402,658. The local share was \$39,668, and state share was \$5,072.

Berkeley County Airport: A \$466,316.21 project to rehabilitate runway 5/23 and update the airport layout plan. The federal share was \$419,684. The state and local portions were \$23,315.80.

Clemson-Oconee County Airport: A \$378,780 project to update the airport master plan, including engineering fees, appraisal fees, and legal fees associated with fee simple acquisition. The federal share was \$340,902. The state portion was \$7,879, and local share was \$29,999.

Clemson-Oconee County Airport: A \$150,725 project to upgrade the low intensity runway lighting system to a medium intensity lighting system, installation of runway end identifier lights (REILS), recabling the visual approach slope indicator lights, (VASI), install a new segmented circle and wind cone, and new electrical lighting vault. The federal share was \$135,652. State share was \$7,536, and local amount was \$7,537.

Corporate (Pelion) Airport: A \$142,864 project for legal, appraisal, and engineering services associated with fee simple acquisition for future terminal expansion and completed parallel taxiway. The federal share was \$98,864. State and local shares were \$9,000 and \$35,000 respectively.

Donaldson Center Airport: A \$900,000 project to rehabilitate the first 1,000 ft. of runway 4 with concrete pavement. The federal, state and local shares were each \$300,000.

Florence Regional Airport: A \$356,200 project to overlay the northern portion of taxiway B, renovate the medium intensity runway lights (MIRL) on runway 18/36, rehabilitate wiring in the electrical vault, and install a new emergency generator. Federal share was \$320,580. Local and state portions were \$17,810.

Florence Regional Airport: A \$57,200 project to update the Florence Regional Airport Master Plan Study. State and local shares were \$2,860 each.

Greenville-Spartanburg Airport: A \$325,164 project to acquire an aircraft rescue and fire fighting vehicle, with a capacity of 1,500 gallons, for an index C airport. Federal share was \$280,447. State share was \$22,358, and local share was \$22,359.

Greenville-Spartanburg Airport: A \$42,328 project for the purchase and installation of equipment to meet the FAA's Part 107.14 security requirements. Federal share was \$38,095.20, state and local shares were \$2,116.40 each.

Hilton Head Airport: A \$3,736,986 multi-year project to construct a new air carrier terminal building approximately 16,600 sq. ft., including a stub taxiway, 80,000 sq. ft. apron, an access road, and automobile parking area. The federal share was \$2,002,000. The local share was \$1,500,000 and the state share was \$234,986.

Laurens County Airport: A \$1,672,165 project to reconstruct and widen runway 7/25, reconstruct stub taxiway and apron, also install a 700 ft. embankment for

runway extension and installation of a medium intensity runway lighting system (MIRLS). Federal share was \$1,504,949. Local and state shares were \$83,608 each.

Pickens County Airport: A \$225,216 project to construct taxiway turnaround to runway 22, remark existing runway and taxiways, and update airport layout plan. The federal portion was \$187,696. The local and state shares were \$18,760.

Pickens County Airport: A \$450,212 project to expand apron by approximately 9,500 sq. yds., and relocate and install a new non-directional radio beacon. The federal share was \$388,888. The state and local shares were \$30,662.

Rock Hill/Bryant Field: A \$570,680 project for obstruction removal and land acquisition fees (legal and engineering) under AIP 3-45-0049-08, and completion of the localizer and non-directional beacon. The federal share was \$440,090. The state and local portions were each \$65,295.

Woodward Field Airport: A \$139,123 project for an apron drainage improvement project. Also awarded to replace deteriorated drainage pipe located in the apron area and install additional catch basins. The federal share was \$125,210. The local share was \$6,957; the state share was \$6,956.

Woodward Field Airport: A \$780,764 project to extend runway by 500 ft., making it a 5,000 ft. runway. Project also includes extending connecting taxiway for a partial parallel taxiway, and rehabilitate a portion of the end of runway 5. The federal portion was \$702,688. The local and state shares were each \$39,038.

Woodward Field Airport: A \$179,218 project for rehabilitation of runway 23, restriping runway 5/23 to new designate runway 6/24 and remark runway numbers on runway 13/31 to read 14/32. The federal share was \$160,000. The state and local shares were each \$9,609.

State and Local Projects

The Aeronautics Commission also participated in 12 projects that were funded entirely with state and local funds.

Corporate Airport (Pelion): A \$6,800 project for engineering and legal services for land acquisition in the terminal area. State and local portions were each \$3,400.

Georgetown County Airport: A \$50,000 project for geo-technical testing using soil borings and radar penetration testing for preliminary design on runway 5/23 for a future runway reconstruction project. State and local portions were \$25,000 each.

Greenville Downtown Airport: A \$1,341,644 project to complete interior and exterior renovation of the terminal, originally constructed in 1953. The local share was \$1,199,713.46, the state amount was \$141,930.54.

Greenville Downtown Airport: A \$71,708.60 project for installation of medium intensity runway lights (MIRL) on runway 9/27 and installation of retro-reflective taxiway markers on parallel taxiway and connecting taxiways. The state amount was \$177,784, and the local amount was \$1,235,567.76.

Greenwood County Airport: A \$400,000 project to construct a new 4,000 sq. ft. terminal building and demolition of existing building. State and local shares were \$200,000 each.

Ridgeland Airport: A \$8,886.36 project to clear and grub obstructions on airfield property, poisoning vegetation and relocating fence. The state and local shares were \$4,443.18 each.

Spartanburg Downtown Airport: A \$28,000 project for engineer design services for rehabilitating taxiway B and expanding the terminal aircraft parking apron. The state and local shares were \$14,000 each.

Sumter Municipal Airport: A \$350,000 project to renovate and expand the existing terminal building. The state and local shares were \$175,000 each.

Union County/Shelton Field: A \$20,000 project for installation of drain culverts and repair eroded areas along runway 5/23. The state and local shares were each \$10,000.

Union County/Shelton Field: A \$8,000 project to install two additional drain culverts and repair eroded areas along embankments. The state and local shares were each \$4,000.

Walterboro Municipal Airport: A \$5,200 project for emergency repairs to the storm drainage system underneath the concrete ramp. The state and local amounts were \$2,600.

Woodward Field Airport: A \$5,600 project to remove obstructions (trees) at the end of runway 5 and refurbish the airport beacon tower. State and local shares were \$2,800 each.

SUMMARY OF EXPENDITURES

FY 1991-92 Airport Development

Total All Projects.....	\$13,317,177.57
Total Federal Contribution.....	7,899,883.20
Total State Contribution.....	1,505,889.22
Total Local Contribution.....	3,911,405.15

AIRPORT PLANNING AND DEVELOPMENT

Airport Planning and Development Section provides assistance to the local communities in the areas of funding, safety requirements, future development, maintenance, review engineering plans and specifications, process project applications and grant agreements, preparation and planning of the annual airports conference and any other tasks as assigned to foster air commerce in the state.

Airport Systems Plan Development

The State Airport System Plan is a representation of the aviation facilities needed to meet the immediate and future air transportation needs and achieve the overall goals of the state. It recommends the general location and characteristics of new airports and the nature of expansion for existing facilities. It shows the timing and estimated cost of development, relates airport system planning to the economic development and environmental goals of the state and is accomplished in a comprehensive planning framework. It incorporates regional/metropolitan airport system planning and provides the basis for definitive and details individual planning.

The primary purposes of the State Airport System Plan are as follows:

- To provide for the orderly and timely development of a system of airports adequate to meet the aeronautical and air transportation needs of the state, its metropolitan areas, and the nation in response to development and growth goals and patterns.
- To provide for the orderly allocation of land for airport purposes.
- To provide a basis for coordination of airport planning with all other state and regional planning.
- To provide a framework for airport development programs consistent with short, intermediate and long-range needs.
- To ensure compatibility with the content, format, standards, and criteria of a National Airport System Plan in order that applicable portions may be intergrated into the national plan.
- To involve local, state and national political and individual interests in the comprehensive and system approach to airport planning and development.
- To make possible long-range coordination of airport development, air navigation facilities, airspace use, and air traffic control procedures within the framework of state and metropolitan area comprehensive planning.
- To provide a product for use at the local level to assist in the development of regional/metropolitan system planning, master planning, and design engineering.
- To identify the general location of all the airports (by type and size) and recommend development (with estimated cost) that will be required to make air transportation reasonably accessible to the users in the state and which will be compatible with goals of the affected communities.
- To provide priorities for state resource allocation.

AIRPORT IMPROVEMENT PROGRAM

The Aeronautics Commission obtains and disseminates funding to airport sponsors for worthwhile and eligible airport improvement projects with primary emphasis on general aviation airports.

To be eligible for an airport development or planning project, the following guidelines apply:

- The airport must be public, or the project includes the planning for, or purchase of a private airport by public entity for the purpose of becoming a public airport.
- The airport project itself must not be a direct revenue-producing facility. Example of this would be a fuel farm, hangar, restaurant or any like lease of space as a part of, or separate from, a terminal building and auto parking lots when a rental fee is charged.
- Plans and specifications must have been received and accepted by the state (and FAA if federal funds are involved) prior to the issuance of a Grant Agreement and/or reimbursement.
- The sponsor must take appropriate action to clear obstacles for the safe use of the airport as defined in FAA Part 77 (unless waived in writing by the Commission) prior to issuance of a Grant Agreement.

All projects shall be reviewed by the Airport Development staff who will then present their findings to the Director. The final review shall be based on a quorum of the Board of the S.C. Aeronautics Commission. Priorities shall be set based on the management and staff's knowledge of the need and justification.

SC AVIATION ECONOMIC IMPACT REPORT

The Aeronautics Commission published in 1990 a study of the economic importance of aviation and airports in their communities and in the state. Such airport impact assessments have proven to be valuable to airports nationally, since they enable people to see that airports of all types and sizes play essential roles in state and local economies.

The information gathered concerns actual activities at airports located throughout the state. This study includes the types and amounts of activity at each local airport, employment in airport-related activities, a list of tenants, revenues and expenditures related to airport activity and other pertinent data. For this to be a viable and useful report, periodic updating and revisions will be required.

AIRPORT INSPECTION PROGRAM

The Aeronautics Commission promotes and encourages airport safety through the following Airport Inspection Program:

- Direct contact with airport management and thorough application of methods and techniques to improve safety conditions at airports.
- Accurately reports conditions at airports, bringing attention to unsafe conditions and motivating the airport management to correct deficiencies.
- Maintain a comprehensive agency airport data repository.
- Ensure that data is promulgated with a degree of accuracy and frequency consistent with the exercise of SCAC responsibilities.
- Eliminate redundant collection and dissemination processes.
- Provide an efficient means for producing both recurring and one-time reports needed for management direction, program planning, and statistical analysis.
- Provide airport information to the public to satisfy their specific needs.

AIRPORT MAINTENANCE PROGRAM

The airport maintenance section cuts grass on applicable airports monthly. However, due to unforeseen circumstances, the schedule may vary. Other maintenance services provided to municipal airports are as follows:

- Painting of runways which will be coordinated with the airport. Paint, thinners, and reflective beads shall be provided by the airport sponsor. Painting schedules will be established, if possible, for the convenience of the airport, but will be subject to change due to weather, availability of personnel and equipment.
- Assistance is provided to airports to maintain runway, taxiway, and beacon lighting. However, furnishing and the installation of fixtures is not a function of airport maintenance.
- In addition, the commission can assist an airport sponsor in identifying a system failure, and will either assist in making repairs or will advise the sponsors as to a practical course of action to restore full operation.

LAND USE PLANNING

In recent years, Federal Aviation Administration regulations have come to require local sponsors (cities, counties, and airport districts) take the necessary steps to insure compatible land use adjacent to existing or planned airports. These assurances have to be met before any type of Federal funding can be made available for construction and have become a requirement for the Environmental Impact Assessment of the airport on its surrounding area.

The South Carolina Aeronautics Commission has developed a guide for comprehensive land use planning in hopes that it can provide guidance to the local sponsors in terms of meeting these requirements. As the sponsor reviews this manual and becomes aware of what items are necessary in terms of developing some type of regulation which will provide compatible land-use adjacent to existing or proposed airports, it will become a definite benefit to the community.

Members of the aviation community recognize that the less desirable impacts of airports on the community require corrective measures for aircraft operators and airport operators. Corrective actions continue to be taken, including the quieting of jet engines, the acquisition of flight easement and extended clear zones, noise abating take-offs and landing procedures. However, all of these actions together will not solve the impact problem if those land uses most sensitive to aircraft operations are permitted to develop in the approaches to the airports.

The South Carolina Aeronautics Commission is hopeful that the local sponsors will take this manual and use it to help develop the needed regulations to protect land adjacent to existing or proposed airports. We realize this type of service can only be accomplished at the local level. Local governments own their airports and have the authority to enact the regulations which are necessary to provide the needed regulations.

The South Carolina Aeronautics Commission can only act as a guiding agency in helping the local government come up with what is needed to meet the Federal regulations both from the Environmental and Federal standpoint. Local authorities should take cognizance of what is expressed in the manual and consult with the Commission at any time they feel the need for guidance in helping develop the required regulations for providing compatible land use around airports in South Carolina.

FLIGHT OPERATIONS

The Aeronautics Commission maintains a fleet of seven aircraft -- five airplanes and two helicopters -- which are used to provide air transportation for the governor, other constitutional officers and state agency personnel traveling on state business; to aid law enforcement and public safety; to assist in search and rescue work; for emergency airlifts and for utility work such as photography. Aviation support is available to these entities at significant cost savings. The agency also provides the majority of air transportation for the state.

The Commission operates two eight-passenger turbo-prop Beechcraft King Airs, a Beechcraft Baron, a Cessna 402, a single-engine Cessna 206, a Bell 206 Jet Ranger and a Bell 206 Long Ranger III helicopter.

To operate the airplanes, the Commission employs a staff of ten full-time pilots who hold both helicopter and airplane ratings. Several of the agency pilots also hold Airplane Transport Pilot ratings. Other management and staff employees who are qualified, assist in performing pilot duties and all receive recurrent training to insure the highest level of safety.

REGULATORY AND SAFETY PROGRAM

Aircraft Registration

The state registration requirement was terminated on June 30, 1988, however, the requirement for financial responsibility (liability insurance) is still in effect.

Aerial Applicators

Another of the commission's functions is the licensing of aerial applicators in the state. Persons who want to engage in aerial spraying, dusting and seeding must have a valid license or permit to do so. Before being issued a license, the applicant must pass an examination that requires a working knowledge of the hazards of the chemicals, proper use of the equipment and precautions to be taken in cleaning and decontamination of the equipment.

Minimum requirements for an aerial applicator permit are: a current valid FAA commercial license, a minimum of 200 hours pilot time and at least 25 hours of supervised flying time in aerial application under the direction of a qualified aerial applicator.

Aircraft used in this type flying must be properly certified and must provide adequate protection for the pilot by having both safety belts and shoulder harnesses installed.

Power Line Markers

For several years, the commission has encouraged the owners of airports with power lines across the approaches to mark the lines with highly visible orange fiberglass markers. As with other similar projects, the commission has agreed to pay half the cost of each marker if the local owners will pay the remainder.

PUBLIC INFORMATION

Publications

One effective means of communication is the commission's aviation newsletter, **Palmetto Aviation**. News of general interest such as features, meeting notices, airport projects as well as information critical to flight safety such as changes in NAVAIDS, runway lighting, etc., are published in each issue. The newsletter has a circulation of over 8,000 and reaches private pilots, aviation administrations, airports, aviation educators and fixed base operators. Due to budget restrictions, the newsletter is published bimonthly.

In addition to the newsletter, the commission also publishes an aeronautical chart. The state chart is similar to the navigational charts published by the Federal Aviation Administration; however, no FAA chart will show the entire state. The commission's chart depicts the entire state as well as portions of North Carolina and Georgia and is of greater convenience for persons who do mostly in-state flying. Our chart is for informational purposes only, and is not intended for navigational use.

Aviation Education

The rapid advances in aerospace technology, in the fields of general aviation, and commercial air transportation, point up a continuing need for a strong program in Aviation Education and awareness for South Carolina. The programs conducted by the Aeronautics Commission are in six general areas of interest.

Public Schools - The Aviation Education Department maintains a library of videotapes, films, film strips and slides on aviation and space subjects. These are loaned without charge to the schools within the state. These films have proved to be very popular and are in constant use throughout the school year.

Speakers are provided for school assembly programs and to give technical assistance to teachers in aviation subjects.

Adult Groups - Aviation Education is made available to adult and professional groups through programs provided by the commission. These programs consist of videos, films or talks presented by members of the commission staff and they have been well received throughout the state.

Aviation Youth Program - A program to encourage aviation as a career goal was initiated in June 1991. The Aviation Youth Program was developed to assist high school students with career development in aviation. Twelve students were chosen for the six-week program based on grades and interest in pursuing aviation as a career goal. Students were taught for one week on a variety of aviation-related topics such as aerodynamics, aircraft maintenance, piloting, airports and air traffic control. Students were placed with area aviation businesses for the remainder of the program to learn about aviation in a hands-on atmosphere. It is the hope of the Commission that this program will be expanded through the coming years to include other airports in the state, making it a statewide aviation educational program.

Aviation Safety - South Carolina has an outstanding aviation safety record and the commission has worked vigorously to see that this record is maintained. One method used is the Pilot Safety Clinic. These clinics are held at the various airports in the state in cooperation with the local operator and cover such topics as weather, navigation, regulations, and maintenance. The Aeronautics Commission also cooperates with the Aircraft Owners and Pilots Association in their Flight Training Program. This program will be continued during the coming years. In addition, the Aeronautics Commission, in conjunction with SC Educational Television and the FAA Flight Standards District Office, has also sponsored and produced safety videotapes of general topics, such as alcohol-use and flying, which are beneficial to all people interested in aviation.

Film/Video Library - The commission maintains a lending library of aviation related films and videos for use at aviation safety meetings and by aviation organizations. The collection also includes videotapes produced by SCAC and SCETV.

Hands-On Demonstrations - The Aeronautics Commission also takes an active approach to aviation education, in general, and has continued this policy with hands-on demonstrations and tours of the state aircraft facilities for any group interested. Those groups include civic organizations, child-care centers, church groups, and public schools. This active approach to aviation education, especially in young children, will insure that future generations will be cognizant of aviation as a viable career option.

SOUTH CAROLINA FIRE ACADEMY

In response to a Federal Aviation Administration Part 139 increase in training requirements for Airport Fire Fighters, the Aeronautics Commission formed a partnership with the state Fire Marshal to expand the state Fire Academy to include training for Airport Fire Fighters.

The SCAC secured a \$6.5 million multi-year federal grant to add to a Fire Marshal project that relocates the current Fire Academy. The additional funding will provide state-of-the-art computer controlled, propane-driven fire simulators that will provide realistic aircraft crash, fire and rescue training for all fire fighters.

The management of the Fire Academy will remain with the Fire Marshal, the SCAC will provide personnel for marketing duties and instruction in Aircraft Rescue and Fire Fighting Techniques. The Academy, which opens in July 1994, will be one of the most advanced Fire Training institutions in the United States.

CIVIL AIR PATROL

The Civil Air Patrol (CAP) is not a state agency but it does receive state funds each year for a portion of its budget. The commission administers those funds, in accordance with state law, to insure that the CAP remains ready to perform its mission as outlined in the state disaster plan. The commission director is authorized to expend up to 25 percent of the funds in the Aerospace Education and Cadet programs for the maintenance and acquisition of equipment and to hire personnel necessary to administer the portion of the state program. In fiscal 1991-92, the CAP received \$73,234 for salaries, aircraft maintenance and equipment.

The CAP is an auxiliary of the U.S. Air Force composed of civilian volunteers who perform aerial search and rescue work and other emergency airlifts. Cadet members are given training in aviation education and assist in search and rescue work. Operation of the CAP is the responsibility of the commander of the South Carolina Wing and, ultimately, the CAP Air Force Commander.

EFFICIENCY AND EFFECTIVENESS MEASURES

The South Carolina Aeronautics Commission has made every attempt to insure its effectiveness and efficiency through its primary goal of fostering air transportation in South Carolina. The Aeronautics Commission participates and manages the following programs:

Budget Efficiency:

This year was characterized by turmoil and uncertainty in State funding. It was significant to note that the Aeronautics Commission met or exceeded its primary mission goals despite an 8 percent loss in buying power from FY 90-91 levels.

Airport Improvement Program:

The Aeronautics Commission through capital improvement bonds provides money for the Airport Improvement Program which matches state funds with federal government and local funds for eligible airport improvement projects. In fiscal 1991-92, this program provided airports with funding for 30 airport improvement projects totalling \$13,317,178.17. The state share was \$1,505,889.22, while the projects generated \$7,899,883.20 in federal grants. During FY 1990-1991, this program provided airports with funding for 22 different improvement projects. The state's share was \$583,706.72, and the total projects generated \$6,876,531.42 when combined with money from the Federal Aviation Administration and local airport sponsors.

Statewide Airports System Plan:

The Airports System Plan projects and defines the needs of all public-use air facilities in the state to show how to effectively utilize our aviation resources. Since this engineering study is constantly being updated and revised, it is the most practical and timely information made available on airports and airway facilities in South Carolina. No other state agency provides this information which, upon request, is disseminated to the general public, engineering firms, and economic development entities.

Statewide Helipad Network:

The Commission has also developed a statewide system of helipads for assisting county hospitals in medical transport. The helipads act as a safety network for helicopter users throughout the state. In FY 91-92, helipads were built at Hampton-Varnville Hospital, Clarendon County Hospital and Allendale County Hospital. Presently Barnwell County, Lake City Lower Florence County, and Laurens County Hospitals are undergoing a design feasibility study.

Aviation Impact Report:

The South Carolina aviation impact report is an effective measure and working tool for cities, counties, and development organizations which quantifies the impact of aviation on local economies. This report documents the states aviation contributions including military operations, of more than \$1 billion annually to South Carolina.

Airport Maintenance Program:

The Aeronautics Commission's Airport Maintenance Program was developed to assist airports with effectively maintaining their airfields by providing grass cutting on a scheduled basis and light repair work on an emergency basis. In FY 1991-92, there were approxi-

mately 200 maintenance visits provided to airports in the state. In FY 1990-91, there were more than 250 maintenance visits. The number of maintenance visits in FY 1991-92 was down due to rainy weather conditions.

In FY 91-92, nine airports were painted with the appropriate numbers and stripes. In the past, the commission sponsored runway markings on a 50/50 funding basis spending as much as \$20,000 an airport. In 1991, the Aeronautics Commission purchased an airport runway paint machine which has paid for itself approximately five times in one year's utilization. This is at a cost savings of \$150,000 to the state, not to mention the cost savings for each airport who does not have to pay an outside source for this project.

Aircraft Maintenance Program:

With its fleet of seven aircraft, the Aeronautics Commission houses a complete aircraft maintenance facility with three full time maintenance employees. During FY 1991-92, the Aeronautics Commission logged about 1,600 incident-free and accident-free hours, thus showing our emphasis on flight safety and reliability.

In FY 91-92, a catastrophic failure of a helicopter engine occurred requiring the engine to be sent to a specialized repair facility. After extensive investigation by our maintenance staff, a major design flaw of the engine was discovered. Because of that discovery, the engine manufacturer has offered to pay for all replacement parts at an estimated value of \$17,000.

Flight Department:

The fleet of seven aircraft, two helicopters and five airplanes, is flown by ten staff pilots to transport eligible personnel on official state business. In FY 1991-92, the Aeronautics Commission flew 1,649 flights, 184 helicopter and 1,465 airplane flights. These flights carried a total of 2,879 passengers, 159 by helicopter and 2,720 passengers by airplane. The pilots flew a total of 1,600 hours, 175 by helicopter and 1,425 by airplane. The total number of miles flown in FY 1991-92 was 279,653 miles and 690,945 passenger miles.

For the same period last year, the Aeronautics Commission flew 1,603 flights, 235 helicopter and 1,386 airplane flights. These flights carried a total of 2,567 passengers, 198 by helicopter and 2,369 passengers by airplane. The pilots flew a total of 1,600 hours, 250 by helicopter and 1,350 by airplane. The total number of miles flown in FY 1990-91 was 244,174 miles and 517,077 passenger miles.

To compare these statistics of flying to driving, a round trip from Columbia to Atlanta, GA is approximately 442 miles with 8.5 hours driving. But, it takes only 2 hours of flying time for the same trip. In addition, a round trip from Columbia to Hilton Head is about 260 miles, 6 hours by car and 1.5 hours by air. A trip from Columbia to Myrtle Beach and return takes 5.5 hours and 298 miles to drive, but by air is reduced to 1.75 hours.

Flying can not only reduce the number of hours of travel time, but can add significantly to the number of hours available to work. Flying, as opposed to driving, can 1) increase available hours for agency and legislative employees and officials, and 2) reduce costs by negative overnight expenses when making extended trips.

1991-92 FINANCIAL STATEMENT

I. ADMINISTRATION:	
Personal Services	\$ 399,490
Other Operating Expenses	290,292
Total Administration	\$ 689,782
II. AIRPORT SAFETY MAINTENANCE:	
Personal Services	\$ 371,311
Aircraft Equipment/Operation/Nav aids	844,925
Other Operating Expenses	601,961
Total Airport Safety Maintenance	\$ 1,818,197
III. REGULATIONS AND INSPECTION:	
Personal Services.	\$ 348,051
Total Regulations and Inspections	\$ 348,051
IV. CIVIL AIR PATROL:	
Personal Services	\$ 23,550
Other Operating Expenses	49,684
Total Civil Air Patrol	\$ 73,234
V. AVIATION EDUCATION:	
Other Operating Expenses	\$ 18,204
Total Aviation Education	\$ 18,204
VI. SPECIAL PROGRAMS:	
Personal Services	\$ 81,649
Other Operating Expenses	20,274
Total Special Programs	\$ 101,921
VII. EMPLOYEE BENEFITS:	
Employer Contributions	\$ 306,230
Total Employee Benefits	\$ 306,230
Special Airport Development Programs	\$ 1,627,385
Total Operating Expenses	\$ 4,983,006

AIRPORTS IN SOUTH CAROLINA

The following airports are part of the South Carolina Airport Systems Plan. All are open to the public and most have paved, lighted runways. The fixed base operators listed here offer, for the most part, a full range of aeronautical services including flight instruction, aircraft sales and, in some cases, aerial application services to farmers for control of crop pests and for defoliation.

AIKEN MUNICIPAL

Location: 6 miles N. of Aiken S.C.

Runways: 06-24 5,000' paved and lighted (radio controlled)

18-36 3,800' paved

Fuel: 100LL, Jet A

Facilities: Tie-downs, A&E mechanic, services, glider towing, phone

Communications: Unicom 122.8

NAVAIDS: NDB 347 AIK; rotating beacon, VASI, ODALS

Owner: City of Aiken

Operator: Aiken Aviation, Burt Holland 648-9571

Manager: Steve Thompson, 642-7654

ALLENDALE COUNTY

Location: 2 miles S.E. of Allendale S.C.

Runways: 17-35 5,000' paved and lighted (radio controlled)

Fuel: 100LL, auto fuel, Jet A

Facilities: Terminal, tie-downs, phone

Communications: Unicom 122.8

NAVAIDS: VOR 116.7 ALD, 1.5 NM from field, PAPIs, rotating beacon

Owner: Allendale County

Operator: Allendale County, 584-3597

Manager: Chuck Platts 1-800-343-6605 or 584-3801

ANDERSON COUNTY

Location: 3 miles S.W. of Anderson S.C.

Runways: 05-23 5,000' paved and lighted (radio controlled)

17-35 5,000' paved

Fuel: 100LL, Jet A, auto fuel

Facilities: Tie-downs, storage, A&E mechanic, rental cars,
phone, flight service station

Communications: Unicom 123.0; Anderson radio 122.1, 123.6

NAVAIDS: VORTAC 108.6 ELW, 5.9 NM S.W.; NDB 230 AND, on field,
rotating beacon, VASI

Owner: Anderson County

Operator: Anderson Aviation, Inc., Reid Garrison, 225-3171

White's Aviation, Earl White, 224-8655

Manager: William McCoy, 260-4188, 226-2027

ANDREWS MUNICIPAL

Location: 2 miles E. of Andrews S.C.
Runways: 18-36 3,000' paved and lighted
Fuel: none
Facilities: none
Communications: 122.9
NAVAIDS: none
Owner: Georgetown County
Manager: Clyde Stalvey, 546-4144

BAMBERG COUNTY

Location: 5 miles W. of Bamberg S.C.
Runways: 05-23 3,600' paved and lighted (radio controlled)
Fuel: 100LL
Facilities: Admin., tie-downs, phone
Communications: 122.8
NAVAIDS: Rotating beacon
Owner: Bamberg County
Operator: John Barbieri 245-3137

BARNWELL COUNTY

Location: 1 mile N.W. of Barnwell S.C.
Runways: 04-22 5,122' paved
 16-34 5,118' paved and lighted
Fuel: 100LL, Jet A
Facilities: Terminal, tie-downs, phone
Communications: Unicom 122.8
NAVAIDS: NDB BNL 260; rotating beacon
Owner: Barnwell County
Manager: Robert Harris, 259-7446

BEAUFORT COUNTY

Location: 3 miles S.E. of Beaufort S.C.
Runways: 06-24 3,430' paved and lighted
Fuel: 100LL
Facilities: Tie-downs, phone, terminal
Communications: Unicom 122.7, BFT Apph. 125.6
NAVAIDS: Rotating beacon, PAPIs
Owner: Beaufort County
Operator: Robert McKay, 525-7172
Manager: Randy Wood, 525-7100

BERKELEY COUNTY

Location: 1 mile S.W. of Monks Corner S.C.
Runways: 05-23 3,800' paved and lighted
Fuel: 100LL
Facilities: Terminal building, tie-downs, phone
Communications: Unicom 122.8
NAVAIDS: NDB MKS 354; rotating beacon, VASI
Owner: Berkeley County
Manager: John Scarborough, 761-6900
Operators: Thunder Aviation, 899-7711

BRANHAM AIRPORT

Location: 3 miles S.W. of Darlington S.C.

Runways: 16-34 3,200' turf

Facilities: unattended, no fuel

Owner: Privately owned, but open to public

Operator: Rudy Branham, 393-1662

ROCK HILL MUNICIPAL/BRYANT FIELD

Location: 4 miles N.W. of Rock Hill S.C.

Runways: 01-19 5,000' paved and lighted, (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, service, A&E shop, Avionics,
charter service, phone, oxygen

Communications: Unicom 122.8

NAVAIDS: VOR 112.4 FML; 5.1 NM from field, rotating beacon, PAPIs, localizer,
NDB .227 "RRP"

Owner: City of Rock Hill

Operator: Carowinds Flying Service, Ksenia Stone, 366-5108

Manager: Curt Bramblett, 329-7080

CHARLESTON EXECUTIVE

Location: 6 miles S.W. of Charleston S.C.

Runways: 03-21 5,000' paved and lighted

09-27 5,000' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, A&E mechanic, service, phone

Communications: Unicom 122.8

NAVAIDS: NDB JZI 283; rotating beacon, PAPIs

Owner: Charleston County Aviation Authority

Operator: Million Air, Joe Grech, 559-2401

Manager: Sam Hoerter, 767-7010

CHARLESTON INTERNATIONAL

Location: 9 miles N.W. of Charleston S.C.

Runways: 03-21 7,000' paved and lighted

15-33 9,000' paved and lighted

Fuel: 100LL, Jet A, Jet A1

Facilities: Air carrier passenger terminal, GA FBO terminal, A&E shop,
oxygen, 24-hour line service

Communications: Chs. apph. 120.7 & 135.8; Chs. Twr. 126.0

NAVAIDS: VORTAC 113.5 CHS; rotating beacon, instrumented runways

Owner: Joint military-civilian use; air carrier airport;

must have two-way radio

Operator: Million Air, 744-6761

Manager: Sam Hoerter, 767-7010

CHERAW MUNICIPAL

Location: 3 miles N.W. of Cheraw S.C.

Runways: 07-25 4,400' paved and lighted (radio controlled)

Fuel: 100LL

Facilities: Terminal, tie-downs, phone, flight instruction

Communications: Unicom 122.8

NAVAIDS: NDB 409 CQW; 4.7 miles off end rwy 25, rotating beacon, PAPIs

Owner: City of Cheraw

Operator: Henry Olin Price, 537-9626

Manager: Ronnie Cato, 672-7285

CHESTER MUNICIPAL

Location: 5 miles N. of Chester S.C.

Runways: 17-35 5,000' paved and lighted

Fuel: 100LL

Facilities: Instrument shop, phone, flight instruction

Communications: Unicom 122.7, Gliders 123.3

NAVAIDS: VOR 112.4 FML; 11 NM from field, rotating beacon, VASI

Owner: City and County of Chester

Operator: Commander Instruments, Jeff Johnson, 377-1444

Manager: Wayne Goodyear, 385-3154

CLEMSON-OCONEE COUNTY

Location: 3 miles W. of Clemson S.C.

Runways: 07-25 4,156' paved and lighted

Fuel: 100LL, Jet A

Facilities: Admin building, tie-downs, service, phone

Communications: Unicom 122.7

NAVAIDS: NDB 257 CEU; rotating beacon, VASI

Owner: Oconee County

Operator: Upland Aviation, Ray Smith, Jr., 882-2959

Manager: Mike Willowman, 647-4044

CLIO CROP CARE

Location: 2 miles S.E. of Clio S.C.

Runways: 05-23 2,700' turf

13-31 2,600' turf

Fuel: Auto fuel

Facilities: Admin building, courtesy car, A&E mechanic,
crop spraying

Communications: 122.9

NAVAIDS: none

Owner: Privately owned but open to public

Operator: Sherman W. Hanke, 586-9225

COLUMBIA METROPOLITAN

Location: 5 miles S.W. of Columbia S.C.

Runways: 11-29 8,600' paved and lighted
05-23 7,000' paved and lighted

Fuel: 100LL, Jet A

Facilities: Air carrier passenger terminal, FBO terminal, tie-downs, storage,
A&E mechanic, avionics, restaurant, rental and courtesy cars

Communications: Cola apph. 118.2, 124.9; Cola twr 119.5

NAVAIDS: VORTAC 114.7 CAE; instrument rwy 11-29

Owner: Richland-Lexington Airport Commission

Operator: Eagle Aviation, T.H. Dorsey, 822-5555

Columbia Aviation, Nettie Dickerson

Aviation Associates,

Manager: Robert H. Waddle, executive director, 822-5010

Remarks: Headquarters for the South Carolina Aeronautics Commission

COLUMBIA OWENS DOWNTOWN

Location: 3 miles S. of Columbia S.C.

Runways: 13-31 4,600' paved and lighted with 400' full strength stopways on each
runway end

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, A&E mechanic, charter, phone

Communications: Unicom 122.8

NAVAIDS: Rotating beacon, Reils, VASIs

Owner: Richland County

Manager: Midlands Aviation, Jim Hamilton, 771-7915

CONWAY-HORRY COUNTY

Location: 3 miles W. of Conway S.C.

Runways: 04-22 4,400' paved and lighted (radio controlled)

Fuel: 100LL

Facilities: Tie-downs, phone, international flight school, A&P mechanic school, terminal

Communications: Unicom 122.7

NAVAIDS: NDB 370 HYW; rotating beacon, PAPIs,

VOR/DME 117.6 CRE 4.8NM FAF

Owner: Horry County AirportS

Operator: North American Institute of Aviation, Douglas Beckner 397-9111

Manager: Carl Ellington, 448-1580

CORPORATE AIRPORT (PELION)

Location: 2 miles N. of Pelion S.C.

Runways: 17-35 4,350' paved and lighted (radio controlled)

Fuel: 100LL

Facilities: Terminal, tie-downs,

Communications: Unicom 122.7

NAVAIDS: rotating beacon, vortac 230' 4.3NM FAF

Owner: Town of Pelion

Operator: John Smith, Smith Aviation, 894-4404

Manager: Elsie Rast Stuart, Mayor of Pelion, 894-3535

DABBS

Location: 11 miles E. of Sumter S.C.

Runways: 02-20 3,000' turf

Fuel: none

Facilities: none

Communications: 122.9

NAVAIDS: none

Owner: privately owned, open to public, unattended

Operator: Guy W. Dabbs, Jr., 495-3550

DARLINGTON COUNTY

Location: 9 miles N. of Darlington S.C.

Runways: 05-23 5,000' paved lighted (radio controlled)

10-28 5,000' paved

16-34 5,000' paved

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, courtesy car, phone

Communications: Unicom 122.8

NAVAIDS: NDB 245 "UDG"; rotating beacon, PAPIs

Owner: Darlington County

Operator: Darlington County Aviation, Sam Lyles, 393-2987

Manager: Leon Johnson, 378-4065 or 378-4541

DILLON COUNTY

Location: 3 miles N. of Dillon S.C.

Runways: 07-25 3,000' paved and lighted

Fuel: 100LL, auto fuel

Facilities: Building, tie-downs, phone

Communications: Unicom 122.8

NAVAIDS: NDB 274 DLC; rotating beacon

Owner: Dillon County

Operator: James Price, aerial applicator, 774-2636

Manager: John Ed McQueen, 774-9882

DONALDSON CENTER

Location: 6 miles S. of Greenville S.C.

Runways: 04-22 8,000' paved and lighted (key 122.7 for lights)

Fuel: 100LL, Jet A, Jet A1

Facilities: Former Air Force base converted to industrial park, tie-downs, service, phone, AP unit

Communications: Unicom 122.700

NAVAIDS: NDB 338 GOX; rotating beacon, full ILS system, ASOS 127.325

Owner: Donaldson Development Commission

Operators: Lockheed, 299-3350

Rocky Mountain Helicopters 269-1080

Director: Phil Southerland, 277-3152

Manager: John Ferguson, 277-3152

DORCHESTER COUNTY

Location: 5 miles N.W. of Summerville S.C.

Runways: 05-23 3,700' paved and lighted, Radio Controlled Lighting

Fuel: 100LL, Jet A

Facilities: Admin building, tie-downs, phone, instruction, services

Communications: 123.000

NAVAIDS: rotating beacon, PAPIs

Owner: Dorchester County

Operator: Carolina Aviation, 851-0970

Manager: Jim Friar, 563-5220

EAST COOPER

Location: 9 miles N.E. of Mount Pleasant S.C.

Runways: 17-35 3,700' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Tie-downs, phone, A&E Mechanic, services, Admin. bldg.

Communications: Unicom 122.7

NAVAIDS: rotating beacon, PAPIs

Owner: Charleston County Aviation Authority

Operator: East Cooper Aviation, Judy Blau, 884-8837

Manager: Sam Hoerter, 767-7010

EDGEFIELD COUNTY

Location: 1 mile E. of Trenton S.C.

Runways: 11-29 3,040' turf

14-32 2,275' turf

Fuel: None

Facilities: Admin building, tie-downs, airport unattended

Communications: 122.9

NAVAIDS: rotating beacon

Owner: Edgefield County

Manager: Larry Younce, 275-4404 or 685-5732

FAIRFIELD COUNTY

Location: 3 miles S.W. of Winnsboro S.C.

Runways: 04-22 5,000' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal building, tie-downs, A&E mechanic, service, phone

Communications: Unicom 122.8

NAVAIDS: NDB 414 FDW; rotating beacon

Owner: Fairfield County

Operator: Kaz-Air Inc., Vince Kasyjanski, 635-3086

Manager: Herb Hobgood, 754-8700

FAIRVIEW

Location: 3 miles S.E. of Landrum S.C.

Runways: 14-32 2,770' paved and lighted

Fuel: auto fuel

Facilities: Admin building, tie-downs,

Communications: 122.9

NAVAIDS: none

Owner: Privately owned, open to public, unattended

Operator: Fairview Farms, Inc.

Manager: Charles Caldwell, 472-2547

FLORENCE REGIONAL AIRPORT

Location: 3 miles E. of Florence

Runways: 18-36 6,000' paved and lighted

09-27 6,498' paved and lighted

Fuel: 100LL, Jet A

Facilities: Passenger terminal, tie-downs, service,
A&E mechanic, scheduled commuter service

Communications: Unicom 122.95; Twr 125.1

NAVAIDS: VORTAC 115.2 FLO; rotating beacon, instrumented runways, ILS system

Owner: City and County of Florence

Operator: Carolina Air, Maurice Lemmond, 667-9627

Sutton-Best, Lou Sutton, 665-7700

Manager: Rocky Gannon, 669-5001

GEORGETOWN COUNTY

Location: 3 miles S. of Georgetown S.C.

Runways: 05-23 5,000' paved and lighted

10-28 5,109' paved

16-34 4923' paved

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, service, rental cars, phone

Communications: Unicom 123.000

NAVAIDS: NDB 242 GGE, rotating beacon, VASI

Owner: Georgetown County

Operator: G.G. Boyd, Jr. 546-6171

Manager: Clyde Stalvey, 546-4144

GRAND STRAND

Location: 1 mile N.W. of North Myrtle Beach S.C.

Runways: 05-23 5,996' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, A&E mechanic, rental cars,
phone, charter

Communications: Unicom 122.95, Gnd. 121.8, Twr 124.6

NAVAIDS: VORTAC 117.6 CRE; ILS rwy 23; TACAN 123, rotating beacon, VASI

Owner: Horry County Airport

Operator: Grand Strand Air Service, Inc. Rick Cheadle, 272-6161

Ramp 66, Ed Bauer, 272-5337

Manager: Carl Ellington, 448-1580

GREENVILLE DOWNTOWN

Location: 3 miles of Greenville S.C.

Runways: 09-27 4,000' paved and lighted

18-36 5,393' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, avionics, charter, A&E shop, phone

Communications: Apph. 118.8; Twr 119.9, U-122.95

NAVAIDS: NDB 272 GM; ILS rwy 36, rotating beacon, VASI

Owner: Greenville Airport Commission

Operator: Cornerstone Aviation, Bruce Brown, 232-7100

Greenville Avionics, Inc., George Miller, 298-0285

Carolyn's Flight Academy, Carolyn Pilaar, 233-5935

Greenville Air Center, Hank Brown, 235-6383

Manager: Joseph Frasher, 242-4777

GREENVILLE-SPARTANBURG JETPORT

Location: 3 miles S. of Greer S.C.

Runways: 03-21 7,600' paved and lighted

09-27 3,392' turf

Fuel: 100LL, Jet A

Facilities: Passenger terminal, tie-downs, restaurant, storage, avionics, rental cars, A&E mechanic, scheduled air service, charter

Communications: Unicom 122.95; Twr 120.1

NAVAIDS: NDB 287 GS; rotating beacon, full ILS system on runway 3-21

Owner: Greenville-Spartanburg Airport Commission

Operator: Stevens Beechcraft, George Broder, 879-6000

Manager: Gary Jackson, 877-7426

GREENWOOD COUNTY

Location: 3 miles N. of Greenwood S.C.

Runways: 09-27 4,993' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, A&E mechanic, phone

Communications: Unicom 122.8

NAVAIDS: VOR 115.500 GRD; rotating beacon, VASI, NDB 239 "GIW"

Owner: Greenwood County

Operator: Greenwood Aeronautics, Buck Griffin, 299-6646

Manager: Mike Opalak, 223-3422

HAMPTON-VARNVILLE

Location: 1 mile E. of Hampton; 1 mile N.E. of Varnville S.C.

Runways: 11-29 3,580' paved and lighted

Fuel: 100LL

Facilities: none

Communications: 122.9

NAVAIDS: rotating beacon

Owner: Hampton County (unattended), 943-4951

Manager: Bill Harper, 1-800-829-8026

HARTSVILLE MUNICIPAL

Location: 3 miles S.W. of Hartsville S.C.

Runways: 03-21 3,300' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs

Communications: Unicom 122.8

NAVAIDS: NDB 341 HVS; rotating beacon, VASI, PAPI, REILS

Owner: City of Hartsville

Operator: Hop-A-Chopper, Bill Lee, 383-5571

Manager: Paul Alexander, 332-5377

HEMINGWAY-STUCKEY MUNICIPAL

Location: 3 miles S.W. of Hemingway S.C.

Runways: 11-29 3,386' paved and lighted

Fuel: none

Facilities: none

Communications: 122.9

NAVAIDS: none

Owner: Cities of Hemingway and Stuckey, 558-2591 or 558-2824

HESTER MEMORIAL

Location: 1 mile E. of Calhoun Falls S.C.

Runways: 10-28 3,917' paved and lighted

Fuel: none

Facilities: none

Communications: 122.9

NAVAIDS: none

Owner: City of Calhoun Falls, 447-8502

HILTON HEAD

Location: 1 mile N. of Port Royal Plantation; 3 miles E. of Hilton Head

Runways: 03-21 4,300' paved and lighted, 4,000' landing length (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, taxi, courtesy car, rental cars, scheduled commuter charter

Communications: Unicom 123.000; Savannah apph. 125.3

NAVAIDS: rotating beacon, REILS, VOR/DME 112.7SAV, RNAV, VASI, ASOS 124.675

Owner: Beaufort County

Operator: Lowcountry Air, Jeff Lemke, 681-4201

Hilton Head Air Service, Tommy Heyward, 681-6386

Manager: Randy Wood, 525-7100

HOLLY HILL

Location: 2 miles S.E. of Holly Hill S.C.

Runways: 04-22 2,900' turf, lighted

Fuel: none

Facilities: Tie-downs

Communications: 122.9

NAVAIDS: none

Owner: Town of Holly Hill

Operator: unattended

Manager: L.L. Gardner, Airport Commission Chairman, 496-3947

HUGGINS

Location: 1 mile N.E. of Timmons ville S.C.

Runways: 14-32 3,090' turf, lighted (radio controlled), 250' Displaced Threshold

Fuel: 100LL

Facilities: Tie-downs, storage

Communications: 122.9

NAVAIDS: rotating beacon

Owner: Privately owned, open to public

Owner: Sonny Huggins, 346-3734

KIRK AIR BASE (SEA PLANE BASE)

Location: 5 miles S.E. of Lancaster S.C.

Runways: 15-33 2,600' paved, lighted

Fuel: Auto fuel, 100LL

Facilities: Tie-downs, courtesy car, A&E mechanic

Communications: Unicom 122.8

NAVAIDS: rotating beaconlights upon request

Owner/Operator: James B. Kirk, 286-8800

Remarks: Privately owned, open to public, seaplane facilities available, three waterways

LAKE CITY MUNICIPAL/C. J. EVANS FIELD

Location: 2 miles S.W. of Lake City S.C.

Runways: 1-19 3,700' paved and lighted

Fuel: none

Facilities: Tie-downs, phone

Communications: 122.9

NAVAIDS: NDB 420 CFY, VASI

Owner: City of Lake City

Manager: Marion Lowder, City Administrator, 394-5421

LANCASTER COUNTY/ MCWHIRTER FIELD

Location: 4 miles W. of Lancaster S.C.

Runways: 06-24 6,000' paved and lighted

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, storage, A&E mechanic, avionics

Communications: Unicom 122.8

NAVAIDS: VORTAC 112.4 FML, 16.6 NM from field; NDB 400 LKR; rotating beacon,
PAPI

Owner: Lancaster County

Operator: Aviation Associates, Bill Williams, 283-2250

Manager: Jack Smith, 283-2646

LAUREL HILL PLANTATION

Location: 6 miles northeast of Beaufort

Runways: 03-21 2400' turf

Fuel: none

Facilities: Tie-downs, hangar

NAVAIDS: none

Owner: Privately owned, Open to Public

Owner/Manager: Steve Butler, 442-6058

LAURENS COUNTY

Location: 3 miles E. of Laurens S.C.

Runways: 08-26 3,200' paved and lighted

Fuel: 100LL

Facilities: Terminal, tie-downs, phone, rotating beacon

Communications: Unicom 122.8

NAVAIDS: NDB 307 LUX

Owner: Laurens County

Manager: Tommy Fisher, Commission Chairman, 984-5521

Operator: Victory Mission Aviation, Bob Harrington, 682-9620

LEE COUNTY

Location: 2 miles N. of Bishopville S.C.

Runways: 05-23 2,400' turf

Fuel: none

Facilities: none

Communications: 122.9

NAVAIDS: none

Owner: Lee County (unattended)

Manager: Barry Hickman, County Administrator, 484-5341

LEXINGTON COUNTY

Location: 3 miles S.E. of Gaston S.C.

Runways: 11-29 3,350' turf

Fuel: none

Facilities: none

Communications: 122.9

NAVAIDS: none

Owner: W.A. & Doris S. Moore, 796-9463

Operator: Privately owned, open to public

Manager: Tommy R. Moore, 794-1142

MARION COUNTY

Location: 3 miles E. of Marion S.C.

Runways: 04-22 4,503' paved and lighted

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs

Communications: Unicom 122.8

NAVAIDS: VORTAC 115.2 FLO, 16.3 NM from field NDB 388 MAO; rotating beacon

Owner: Marion County

Operator: Margaret Pittman, 423-8265

MARLBORO COUNTY

Location: 3 miles W. of Bennettsville S.C.

Runways: 06-24 5,000' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, ramp, phone

Communications: Unicom 122.8

NAVAIDS: NDB 230 BES; rotating beacon, PAPIs, REILS

Owner: Marlboro County

Operator: L.D. Rowe, 479-6401

Manager: H.E. Avent 479-2816

McCORMICK COUNTY

Location: 1 mile S.E. of McCormick S.C.

Runways: 18-36 3,600' paved and lighted (radio controlled)

Fuel: none

Facilities: Terminal, courtesy car, phone

Communications: 122.9

NAVAIDS: Rotating beacon

Owner: McCormick County

Operator: Curtis Baggett, County Supervisor, 465-2231

MYRTLE BEACH AFB/CIVIL

Location: 3 miles S. of Myrtle Beach S.C.

Runways: 17-35 9,500' paved and lighted

Fuel: Jet A, Jet A1

Facilities: Passenger terminal served by air carriers

Communications: Myrtle Beach apph. 121.2E, 119.2W; Twr 126.2

NAVAIDS: Rotating beacon

Owner: U.S.A.F. (Base Closing 3/93)

Operator: Airport restricted to USAF and air carrier service only

Manager: Carl Ellington, 448-1580

NEWBERRY MUNICIPAL

Location: 3 miles N. of Newberry S.C.

Runways: 04-22 3,498' paved and lighted, 10-28 2000 (turf)

Fuel: 100LL, Jet A

Facilities: Admin. bldg., tie-downs, phone

Communications: Unicom 122.8

NAVAIDS: NDB 278 EOE; rotating beacon, VASI

Owner: Newberry County

Manager: Rodney Epting, 276-6247

Operator: Todd Clamp, 276-6247

ORANGEBURG MUNICIPAL

Location: 2 miles S. of Orangeburg S.C.

Runways: 5-23 4,500' paved and lighted (radio controlled)
13-31 2,800' turf

Fuel: 100LL, Jet A

Facilities: Tie-downs, A&E mechanic, services, phone

Communications: Unicom 122.7

NAVAIDS: NDB 209 OGB; VOR 111.4 EDS; rotating beacon, VASI, ODALS

Owner: City of Orangeburg

Operator: Orangeburg Aviation, Carroll Joye, 534-5545

Manager: Reese Early, 533-6000

PAGELAND

Location: 3 miles S.E. of Pageland S.C.

Runways: 05-23 3,400' paved and lighted

Fuel: none

Facilities: none

Communications: 122.9

NAVAIDS: NDB 270 "PYG"

Owner: City of Pageland

Operator: Unattended field

Manager: Ronnie Cato 672-7285, 672-7292

PICKENS COUNTY

Location: 4 miles S. of Pickens S.C.

Runways: 05-23 5,000' paved and lighted (radio controlled)

Fuel: 100LL, Jet A

Facilities: Admin. Bldg., tie-downs, A&E mechanic, phone

Communications: Unicom 122.8

NAVAIDS: NDB 408 LQK, rotating beacon, VASI

Owner: Pickens County

Operator: Skyline Aviation, Gary Willis, 843-6359

Manager: H.S. Lawrence, Jr., 843-6644

RIDGELAND

Location: 1 mile N.W. of Ridgeland S.C.

Runways: 03-21 3,100' paved and lighted

Fuel: 100LL, 80

Facilities: Pilot's lounge and rest room, A&E mechanic, phone

Communications: 122.7

NAVAIDS: none

Owner: Jasper County

Manager: Claude Dean, 726-7765

Operator: Aerocraftsmen, 726-8395

SALUDA COUNTY

Location: 4 miles S. of Saluda S.C.

Runways: 01-19 3,200' paved and lighted

Fuel: 100LL

Facilities: A&E mechanic, phone

Communications: none

NAVAIDS: rotating beacon, PAPI

Operator: Southeastern Helicopters, Voigt Corley 445-2226

Manager: Bobby Pureyear, Commission Chairman

SANTEE COOPER REGIONAL (CLARENDON COUNTY)

Location: 7 miles S. of Manning S.C.

Runways: 01-19 3,600' paved and lighted

Fuel: 180LL

Facilities: Terminal, tie-downs, service, A&E mechanic, phone

Communications: Unicom 122.8

NAVAIDS: NDB 381 MNI; rotating beacon, VASI

Owner: Clarendon County

Operator: Precision Air, Inc., Bill Stoia, 478-2211, 478-4764

Manager: Jerry Bradshaw, 473-2586

SPARTANBURG DOWNTOWN

Location: 3 miles S.W. of Spartanburg S.C.

Runways: 04-22 5,200' paved and lighted (radio controlled)

17-35 3,200' paved and lighted

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, A&E mechanic, services, phone, VASI

Communications: Unicom 123.000; Greer apph. 119.4

NAVAIDS: VORTAC 115.7 SPA, 7.1 NM from field; NDB 248 FRT, 1.5 NM, VASI

Owner: City of Spartanburg

Operator: City of Spartanburg, 596-3670

Manager: Frank Anderson, 596-3670

ST. GEORGE MUNICIPAL

Location: 3 miles E. of St. George S.C.

Runways: 05-23 3,200' paved and lighted

Fuel: none

Facilities: Admin building, tie-downs, phone

Communications: 122.8

NAVAIDS: rotating beacon, VOR/DME 110.4 VAN 17NM

Owner: Dorchester County

Manager: Jim Friar, 563-5220

ST. MATTHEWS

Location: 4 miles N.E. of St. Matthews S.C.

Runways: 14-32 2,640' turf

Fuel: none

Facilities: none

Communications: 122.9

NAVAIDS: none

Owner: Estate of John Wannamaker

Operator: Privately owned, open to public, dusting strip during summer

Manager: Benjamin Carroll, 874-2435

SUMTER MUNICIPAL

Location: 4 miles N. of Sumter S.C.

Runways: 04-22 5,500' paved and lighted (radio controlled)

13-31 3,180' turf

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, A&E mechanic, phone, rental cars, services

Communications: Unicom 122.8

NAVAIDS: NDB 252 SMS; rotating beacon, VASI

Owner: City of Sumter

Operator: Sumter Airways, Inc., Chris Carter, 469-2411

TWIN CITY

Location: 3 miles E. of Loris S.C.

Runways: 08-26 3,694' paved and lighted

Fuel: 100LL

Facilities: phone

Communications: Unicom 122.8

NAVAIDS: NDB 347 BEZ; rotating beacon, VASI

Owner: Horry County Department of Airports

Operator: Sam Sarvis, aerial applicator, 756-7404

Manager: Carl Ellington, 448-1580

UNION COUNTY, Troy Field

Location: 1 mile S.W. of Union S.C.

Runways: 05-23 3,000' paved and lighted (radio controlled)

Fuel: 100LL

Facilities: Admin building, phone

Communications: Unicom 122.7

NAVAIDS: rotating beacon, VASI

Owner: Union County

Operator: Terry Boyer, 427-5944

Manager: Ronnie Wade, 429-1680, 429-1681, 427-1679

WALTERBORO MUNICIPAL

Location: 2 miles N.E. of Walterboro S.C.

Runways: 09-27 5,500' paved

05-23 5,150' paved and lighted

17-35 5,700' paved

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, service, phone

Communications: Unicom 122.8

NAVAIDS: NDB 221 RBW; rotating beacon, VASI

Owner: Colleton County and City of Walterboro

Operator: Walterboro Airport, 549-2549

Manager: Kenneth Young, 549-1250 or 549-2003

WILLIAMSBURG COUNTY

Location: 3 miles W. of Kingstree S.C.

Runways: 14-32 4,400' paved and lighted

Fuel: 100LL

Facilities: terminal, phone

Communications: UNICOM 122.7

NAVAIDS: NDB 404 CKI, rotating beacon

Owner: Williamsburg County

Manager: J.P. Gambel, 382-9393

WOODWARD FIELD (CAMDEN)

Location: 3 miles N.E. of Camden S.C.

Runways: 06-24 5,000' paved and lighted

14-32 2,997' paved

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, service, phone, maintenance

Communications: Unicom 123.0

NAVAIDS: NDB 263 CDN; VOR 108.2 CTF, 21 NM from field, rotating beacon,

PLASI, REILS

Owner: City of Camden

Manager: W.W. Bill Hawkins, 432-9595

Operators: Nancy Fauble, 432-3095

UNION COUNTY, Terry Field

Location: 1 mile S.W. of Union S.C.

Runways: 05-23 5,000' paved and lighted (radio controlled)

Fuel: 100LL

Facilities: Admin building, phone

Communications: Unicom 122.7

NAVAIDS: rotating beacon, VASI

Owner: Union County

Operator: Terry Boyer, 427-5944

Manager: Ronnie Wade, 429-1650, 429-1661, 427-1679

WALTERBORO MUNICIPAL

Location: 2 miles N.E. of Walterboro S.C.

Runways: 09-27 5,300' paved

05-23 5,100' paved and lighted

17-35 5,700' paved

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, service, phone

Communications: Unicom 122.8

NAVAIDS: rotating beacon, VASI

Owner: City of Walterboro and City of Walterboro

Operator: Walterboro Airport, 549-2519

Manager: Walterboro Airport, 549-2519 or 549-2003

Total Number of Documents Printed	255
Cost Per Unit	\$ 1.36
Printing Cost - S.C. State Budget & Control Board (up to 255 copies)	\$ 347.89
Printing Cost - Individual Agency (requesting over 255 copies and/or halftones)	\$
Total Printing Cost	\$ 347.89

Facilities: terminal, phone

Communications: UNICOM 122.7

NAVAIDS: NDB 404 CKL, rotating beacon

Owner: Williamsburg County

Manager: J.P. Gumbel, 362-9793

WOODWARD FIELD (CAMDEN)

Location: 3 miles N.E. of Camden S.C.

Runways: 06-24 5,000' paved and lighted

14-32 2,900' paved

Fuel: 100LL, Jet A

Facilities: Terminal, tie-downs, service, phone, jet services

Communications: Unicom 123.0

NAVAIDS: NDB 260 CCM, VOR 108.2 CTF, 11 NM final app, rotating beacon

PLASL REILS

Owner: City of Camden

Manager: W.W. Bill Hawkins, 432-9095

Operators: Nancy Finkle, 432-3095

